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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

3

### Complete if Known

Application Number	09/607,403
Filing Date	June 30, 2000
First Named Inventor	Chowdhury
Group Art Unit	2786
Examiner Name	To be assigned

Attorney Docket Number 34769/187604

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AB	1	SIMON SZYKMAN and JONATHAN CAGAN; "Automated Generation of Optimally Directed Three Dimensional Component Layouts"; DE-Vol. 65-1, Advances in Design Automation 1993, pp. 527-37, Volume 1; American Society of Mechanical Engineers, New York, NY, USA.	
	2	ZUO DAI and JIANZHONG CHA; "A Hybrid Approach of Heuristic and Neural Network for Packing Problems"; DE-Vol. 69-2, Advances in Design Automation - 1994, pp. 117-23, Volume 2; American Society of Mechanical Engineers, New York, NY, USA.	
	3	ZUO DAI, JIANZHONG CHA and JUNLIANG YUAN; "An Octree-Based Heuristic Algorithm for 3-D Packing"; DE-Vol. 69-2, Advances in Design Automation - 1994, pp. 125-33, Volume 2; American Society of Mechanical Engineers, New York, NY, USA.	
	4	RAHUL DIGHE and MARK J. JAKIELA; "Solving Pattern Nesting Problems with Genetic Algorithms Employing Task Decomposition and Contact Detection"; Journal Article; Evolutionary Computation 3(3); pp. 239-266, 1996, Massachusetts Institute of Technology.	
	5	MANUEL E. SOSA; "Optimal Packing of Three Dimensional Shapes Using Genetic Algorithms"; Masters Thesis; Department of Mechanical Engineering, Massachusetts Institute of Technology, June 1996.	
	6	"Ryder paves the way for Delfour in the UK"; Magazine Article; European Supply Chain Decision; <a href="http://www.delfour.com/Public/Del4RyderArt/Del4RyderLarge1.htm">http://www.delfour.com/Public/Del4RyderArt/Del4RyderLarge1.htm</a> , 06-07-1999.	
	7	JOHN A. GEORGE et al; "Packing Different-Sized Circles Into a Rectangular Container"; European Journal of Operational Research 84 (1995); pp. 693-712	
	8	BERTHOLD KROGER; "Guillotineable Bin Packing: A Genetic Approach"; European Journal of Operational Research 84 (1995); pp. 645-661	
	9	KHUSHRO SHAHOOKAR and PINAKI MAZUMDER; "A Genetic Approach to Standard Cell Placement Using Meta-Genetic Parameter Optimization"; IEEE Transactions on Computer-Aided Design, Vol. 9 (1990); pp. 500-511	
	10	WEISHUANG QU and JERRY L. SANDERS; "Sequence Selection of Stock Sheets in Two-Dimensional Layout Problems"; International Journal of Production Research, Vol. 27 (1989); pp. 1553-1571	
↓	11	WEISHUANG QU and JERRY L. SANDERS; "A Nesting Algorithm For Irregular Parts and Factors Affecting Trim Losses"; International Journal of Production Research, Vol 25 (1987); pp. 381-397	

Examiner Signature	<i>Samuel Birds</i>	Date Considered	1/14/2004
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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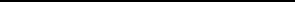
## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

<p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<b>Complete if Known</b>	
				Application Number	09/607,403
				Filing Date	June 30, 2000
				First Named Inventor	Chowdhury
				Group Art Unit	2786
				Examiner Name	To be assigned
Sheet	3	of	3	Attorney Docket Number	34769/187604

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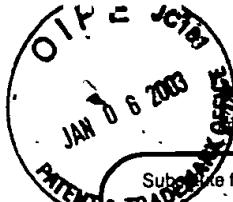
#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

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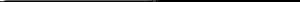
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<i><b>Complete if Known</b></i>	
Application Number	09/607,403
Filing Date	06/30/00
First Named Inventor	Chowdhury
Group Art Unit	2786
Examiner Name	Unknown
Attorney Docket Number	34769-187604

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## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

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<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Form PTO-1449 (Rev. 2-32)	U.S. Department of Patent & Trade	Atty. Docket No. <b>34769-187604</b>	Serial No. <b>09/607,403</b>
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant <b>Ashfaque Chowdhury, Richard F. Lane, Jennifer Janke</b>	
		Filing Date <b>06/30/00</b>	Group

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**U.S. PATENT DOCUMENTS**

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AB	1	3,705,410	12/5/72	Kooy, et al.	444	1	1/21/71
	2	RE33,416	10/30/90	Konishi, et al.	364	478	2/3/89
	3	5,175,692	12/29/92	Mazouz, et al.	364	478	5/24/91
	4	5,291,396	3/1/94	Calcerano, et al.	364	401	1/10/92
	5	5,379,229	1/3/95	Parsons, et al.	364	478	6/18/92
	6	5,430,831	7/4/95	Snellen	395	133	3/19/93
	7	5,493,491	2/20/96	Calcerano, et al.	364	403	1/27/94
	8	5,501,571	3/26/96	Van Durrett, et al.	414	786	1/21/93
	9	5,720,157	2/24/98	Ross	53	445	3/28/96
	10	5,748,762	5/5/98	Guez	382	111	3/1/96
	11	5,844,807	12/1/98	Anderson, et al.	364	478.05	11/9/95
	12	5,893,076	4/6/99	Hafner, et al.	705	28	1/16/96
	13	5,815,398	9/29/98	Dighe, et al.	364	478.05	1/16/96
	14	5,831,662	11/3/98	Payton	348	7	4/4/96
Y	15	5,703,781	12/30/97	Martell, et al.	364	470.06	9/5/96

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		Document	Date	Country	Class	Sub-class	Translation Yes/No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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	2	Randy L. House & Cihan H. Daglili, "Approach to Three Dimensional Packing Using Genetic Algorithms" (Abstract), <u>Intelligent Engineering Systems Through Artificial Neural Networks</u> , Vol. 2, 1992, pp. 937-942.
	3	Takashi Kawakami & Yukinori Kakazu, "Strategy Acquisition of the 3-D Packing Problem in Multiagent Environment (GA-based Hierarchical Tuning)" (Abstract), <u>Nippon Kikai Gakkai Ronbunshu, C Hen / Transactions of the Japan Society of Mechanical Engineers, Part C</u> , vol. 60, no. 577, Sep. 1994, pp. 3219-3225.
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Y	7	S.P. Larcombe, D.J. Pendegast, N.A. Thacker, & P.A. Ivey, "Using Genetic Algorithms to Automate System

<i>AB</i>		Implementation in a Novel Three-Dimensional Packaging Technology" (Abstract), <u>Proceedings International Conference on Computer Design. VLSI in Computers and Processors</u> , 1996, pp.274-9.
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↓	12	S.S. Tong, "Integration of Symbolic and Numerical Methods for Optimizing Complex Engineering Systems" (Abstract), <u>IFIP Transactions A, Computer Science and Technology</u> , vol. A-2, 1992, pp.3-20.

*Amuel Brada*

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